



KRÜSHR

Waste Management & Recycling Appliance

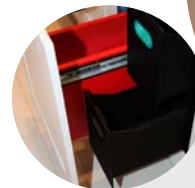
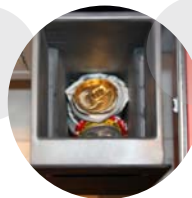
USER AND CARE GUIDE

Model: K250-S / K250-F



IMPORTANT

U.K Version
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THANK YOU

Thank you for selecting the Krüshr Waste Management & Recycling Appliance as your choice of solution for handling waste in your home.

This manual has been produced to ensure your safety and convenience whilst using the Krüshr. The information contained within this manual is important and we therefore recommend that you read the information before using the Krüshr product for the first time.

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Bourne, Lincs, UK PE10 9LY T: +44 (0)1778 394799
www.krushr.com

GUARANTEE

GUARANTEE

1 Year Guarantee

Your appliance carries a 1 year parts and labour warranty. To fulfil the conditions of your guarantee, the appliance must be correctly installed and operated in accordance with the instructions, and only be used for normal domestic purposes.

Please note that the guarantee and service availability only apply to the United Kingdom.

The quality of the Krüshr product is excellent, however we realise that occasionally components can fail. We ensure that in the event of such a failure or problem we will undertake to provide you with an after sales service of the highest standards.

IMPORTANT

In order to administer your Guarantee and place a call to one of our authorised service technicians, you must register your Guarantee with us within 30 days from the date of purchase. www.krushr.com/guarantee

To register and for queries relating to cover please call Repair Care: **+44 (0)844 557 3806**

Terms and Conditions of Guarantee:

Krüshr undertake that if within 12 months of the date of purchase of the Krüshr appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will at our discretion repair or replace the same free of charge for labour, materials or carriage, on condition that:

- The appliance has been correctly installed.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- All service work under this guarantee must be undertaken by a Krüshr authorised agent.
- Any appliance or defective part replaced shall become the Company's property.
- This guarantee is in addition to your statutory and other legal rights.
- Service calls are made between 8.30am and 5.30pm GMT Monday - Friday.

Exclusions:

This guarantee does NOT cover:

- Damage resulting from transportation, improper use or neglect, the replacement of any components by an unauthorised individual
- Use within a business environment
- Costs incurred for calls to put right an appliance, which is improperly installed, or calls to appliances outside the United Kingdom, or the Republic of Ireland.

Proof of purchase may be required.

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed. Read all instructions before using the Krüshr Waste Management & Recycling Centre. Your safety and the safety of others are very important.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word “CAUTION” or “WARNING.”



WARNING

Misuse of the Krüshr product can result in serious injury or death. Do not use the Krüshr product in any way not covered in this manual or for any purpose other than those explained in the following pages.



WARNING

Severe product damage and/or injury could result from the use of unqualified service technicians or non-original replacement parts. All repairs must be performed by a qualified service technician using only original equipment factory replacement parts.



CAUTION

Never use steam cleaning product to clean your Krüshr Waste Management & Recycling Centre. The manufacturer will not be liable for possible damages or consequences.



CAUTION

Never use harsh chemicals to clean your Krüshr Waste Management & Recycling Centre. Some chloride-containing cleaning products can damage your Krüshr and may present health hazards.



WARNING

When using an electrical appliance, basic precautions should always be followed, including the following:

- This appliance is not intended for use by persons (including children) with reduced physical, sensory and mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Young children should be supervised to ensure that they do not play with the appliance.
- Do not treat the product as a toy or novelty.
- Do not touch moving parts.
- Do not operate with a damaged cord set, plug, motor, or after damage in any manner. If the Krüshr is damaged then please seek repair by an authorised service technician.
- Do not use other than the manufacturer's recommended attachments.
- Do not unassemble the Krüshr unless you are an authorised Krüshr service technician. Incorrect reassembly can cause electric shock when subsequently used.
- Handle a loaded rubbish container with care. Sharp objects can pierce the bag and cause injury.
- Do not overload rubbish container with heavy material.
- Do not place glass in the compaction zones.
- The Krüshr is intended for household use only.
- Do not crush or store toxic or volatile flammable materials or compressed substances such as aerosols and lighters.
- Do not crush or store lighted cigarettes, cigars, or other hot or burning items or deposit them anywhere within the unit.
- Ensure that cans / bottles or any other receptacles to be placed into the unit, are free of fluids and have had their caps/lids or ring pulls removed.

- Do not crush batteries or any other product containing batteries.
- Do not overload the Krüshr compaction chambers.
- Do not crush sealed containers.
- Do not abuse the Krüshr by exerting pressure/sitting on the front drawer opening whilst opened or otherwise.
- Do not attempt to manually override any internal switches.



WARNING

Electric shock could result if the electrical supply for the Krüshr covered in this manual is incorrectly installed or if the Krüshr has been improperly grounded. Do not use the Krüshr covered in this manual if you are not certain the electrical supply has been correctly installed or the Krüshr has been properly grounded.

Grounding Instructions

This appliance must be grounded to a metal permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the Krüshr. See the installation instructions for more information on electrical requirements.

IMPORTANT: If the supply cord is damaged, the cord must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.



WARNING - READ THESE INSTRUCTIONS THOROUGHLY BEFORE CONNECTING THIS PRODUCT TO THE MAINS SUPPLY

Electrical Safety

Before switching on make sure that the voltage of your electricity supply is the same as that indicated on the rating plate. This product is designed to operate on 220-240V ~ 50Hz. Connecting it to any other power source may cause damage.


This product may be fitted with a non-rewireable plug. If it is necessary to change the fuse in the plug, the fuse cover must be refitted. If the fuse cover becomes lost or damaged, the plug must not be used until a suitable replacement is obtained.

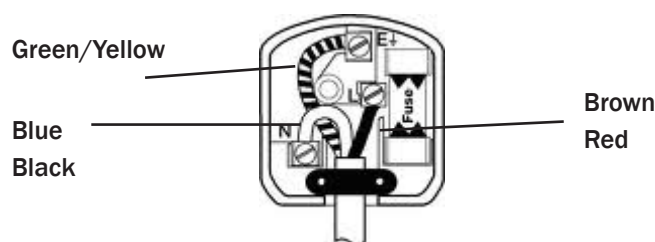
If the plug has to be changed because it is not suitable for your socket, or due to damage, it should be cut-off and a replacement fitted, following the wiring instructions shown below. The old plug must be disposed of safely, as insertion into a 13 ampere socket could cause an electrical hazard.

The wires in the power cable of this product are coloured in accordance with the following code:

Green/Yellow = Earth Blue = Neutral Brown = Live

The appliance is protected by a 13 amp approved (BS1362) fuse. If the colours in the wires in the power cable of this appliance do not correspond with the markings on the terminals of your plug, proceed as follows.

The  wire which is coloured **Green/Yellow** must be connected to the terminal which is marked **E** or by the earth symbol or coloured **Green** or **Green/Yellow**. The wire which is coloured **Blue** must be connected to the terminal which is marked **N** or coloured **Black**. The wire which is coloured **Brown** must be connected to the terminal which is marked **L** or coloured **Red**.



PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE

OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS

1. Krüshr Components & Features

EXTERNAL VIEW

PULL-OPEN DOOR

- Reveals access to control panel, loading chamber / storage bin

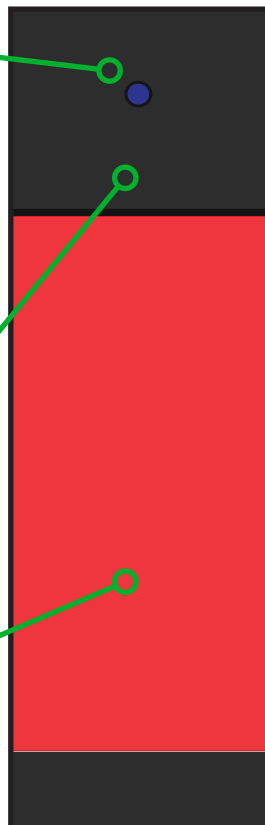


VIEW WITH DOOR OPENED

CONTROL PANEL

CONCEALED HOUSING FOR
VERTICAL COMPACTION
MECHANISM

VERTICAL CRUSH LOADING /
UNLOADING CHAMBER



2. Functions

INITIAL SET UP

- Once the power is connected to the mains the unit will beep if the main door is open. Close the main door if it is open. The unit will reset all of its crushing mechanisms to their neutral positions, so that normal operations can commence.

VERTICAL COMPACTION

- Operates a downward compaction cycle. The cycle includes one downward crush, after which the crush mechanism returns back up to a neutral position. Whilst the vertical compaction is in operation, the machine will make a beeping noise and the Operational Indicator button will flash until the operation has completed. If the door is opened during this process, it will only open approximately 10mm and the crush will be cancelled and the crush plate will return to the neutral position.



HYPERCRUSH / OVERNIGHT MODE

- Operates the vertical crush in hypercrush mode. This mode maintains the compaction force on the waste for a prolonged period of time (i.e overnight) until the machine is reset (disengaged) by the user
- To engage the Hypercrush mode press the button for more than 2 seconds. The blue light will start flashing until you close the main front drawer. The compaction plate will move down into the storage silo and then retract 20% where it will stay until the user disengages the Hypercrush mode. Once the compaction plate is set in the downward position, the power automatically cuts off until it is disengaged which makes this an energy saving feature and is suitable for use overnight

To disengage the Hypercrush mode pull the main front door open by about 1cm (it will not go further whilst the compaction plate is in the downward position). The Krushr will start beeping - close the door completely and the crush plate will activate and return to its neutral position so that the door can be fully opened. Note that the beep will have stopped at this point the main door can then be opened.

WHY HYPERCRUSH? Maintaining the compaction force on your waste reduces the amount of 'spring back', and keeps the waste crushed - in particular on plastic items where items such as bottles have shape memory.

POWER CUT

- In the event of a power cut the machine will automatically reset itself as per the 'Initial Set-Up'.

3. Understanding the Compaction Mechanisms

Plastics / packaging waste Compaction Chamber



Recyclable plastics / card (depending upon your kerbside collection requirements) items should be loaded directly into the storage bin. The Compaction mechanism will operate in Vertical mode – i.e. the crush plate will move downwards to compact the items within the same chamber. The compaction mechanism does not go completely to the bottom of the drawer. You will not see significant compacting of items during the first few times you load the compactor.

NOTE: The compactor drawer should be more than 1/3 full before the compactor can begin to compress the load efficiently.

You can compact items in this chamber more than once. When the chamber is completely full and the compaction motor cannot compact any further, the mechanism will return to its neutral position and you will be required to unload the chamber accordingly. When crushing the same waste more than once - please take care to ensure that the resulting load is not too heavy to safely remove.



Operator Safety Features

- There is a built-in safety cut-off feature that prevents the mechanism from working whilst the front drawer is open.
- In the event of a power failure, the Krushr will perform the same 'realignment check' once the power returns. Once the realignment check is complete the machine is ready to use.

4. Loading and Unloading Items for Compaction

NOTE The storage bin features handles for ease of removal out of the unit and for portability.

Loading and Using the Plastics / Packaging Compaction Chamber

IMPORTANT

- Do not 'push' rubbish down into the storage bin with your hands.
- The unit is designed for dry waste only.
- Do not compact items that may develop offensive odours such as raw meat, fish, disposable hygiene items or any items which have moisture contained within.

TO USE

1. To open the vertical crush bin ready for loading/unloading, simply pull open the main door to reveal the attached vertical compaction bin.
2. Optional: Install a bag into the chamber folding the edge of the bag over the side of the bin.
3. Deposit appropriate waste into the bin area.
4. Press the 'On' button (Blue) to start the compaction cycle and close the main door. The compaction cycle will commence and you will hear a beeping noise.
5. When the cycle has finished (the beeping has stopped), pull open the main door. The chamber can now be accessed to top up with additional waste or the storage bin containing the crushed items can now be easily removed and emptied into the kerbside / appropriate collection bin for onward recycling.

5. Maintaining your Krüshr

Your new Krüshr is designed to give you many years of dependable service. However, there are a few things you are expected to do in order to properly maintain your Krüshr. This section will guide you in best practice maintenance.

Cleaning

The Krüshr has been designed so that it can be cleaned easily and with removable parts being dishwasher safe. The key parts/areas to be maintained regularly are as follows:

1. Storage Bin (remove storage bin from runners and wash gently with a mild detergent)

All surface areas can be wiped using a damp sponge with a mild detergent. However, please do not use excessive amounts of fluid.

APPENDICES

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1. TROUBLESHOOTING
2. WASTE GUIDE
3. TECHNICAL INFORMATION
4. WEEE - WASTE ELECTRICAL RECYCLING

1. Troubleshooting

Try the solutions suggested here first in order to avoid the cost of an unnecessary service call.

1. RUBBISH NOT COMPACTING

Q: Is the Storage Silo less than a third full?

A: Drawer must be more than a third full before trash is compacted.

2. YOUR KRUSHR WILL NOT OPERATE

Q: Is the power supply cord unplugged?

A: Plug into a grounded 3 prong mains outlet.

Q: Has a household fuse blown, or has a circuit breaker tripped?

A: Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.

Q: Is the drawer front completely closed?

A: Close the drawer firmly and switch ON the Krüshr again.

3. THE MAIN DOOR WILL NOT OPEN

In this event, it is likely that either the central compactor plate is set in the downward position, or that the bin is too full and there is an obstruction. In order to remedy the situation please take the following steps:

Step 1: Check that there hasn't been a power-cut. If you have suffered a power outage then it will be necessary to wait until power returns, and upon doing so, the unit will automatically reset itself.

Step 2: If there is power to the unit and the door is still not opening then firmly push the door closed from the bottom. This should activate the unit to reset itself. Once the unit has reset itself and you are able to open the door, please check that the bin silos are not overloaded, and check that no items have fallen into the drawer runners area.

Step 3: Check that the unit has not been put inadvertently into Hypercrush mode. Try and bring the main door out to 10mm and then close the main door again to see if this resets the compactor mechanism to neutral.

Step 4: If you are still unable to open the door then please contact the customer service team (contact details are featured at the beginning of this manual).

2. Waste Guide

This guide will help you to determine which waste types can be handled within the Krüshr product. It is by no means exhaustive, and it will be necessary to seek advice from your local authorities to find out which waste types are collected via your kerb side collection and in what format. Local council collections vary from region to region.

Useful contact information for United Kingdom residents:

To find your Local Council website:

Access information about your local kerbside rubbish collection service for information on what waste types can and can't be collected: <http://www.direct.gov.uk/en/DI1/Directories/Localcouncils/index.htm>

www.wrap.org.uk

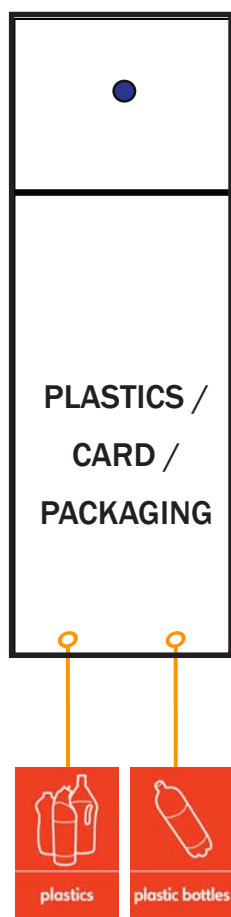
www.compostworks.org.uk

www.recycle-more.co.uk

1. Collection Type: Kerbside Sorted

Kerbside sort systems are where materials are sorted by material type at the kerbside into different compartments of a collection vehicle. Kerbside sort schemes achieve higher quality recyclable materials than co-mingled collections, as there is less risk of non-recyclables being included, or paper contamination (being a significant problem).

Front cross-section view



OR



2. Collection Type: Single Stream Co-Mingled

Single stream co-mingled systems are where materials are collected in a single compartment vehicle with the sorting of the materials occurring at a MRF (Materials Recovery Facility).

Front cross-section view



Collection Type: Dual Stream Co-Mingled

Two stream partially co-mingled systems are where residents are required to separate materials into two categories, usually fibres (paper/ card) and containers (glass, cans and plastic bottles). Separate containers are provided for each category the contents of which are loaded into separate compartments on a twin compartment collection vehicle.

Front cross-section view



OR



TECHNICAL INFORMATION

| Model Number | K250S | K250R |
|--|-------------------------|-------------------------|
| Type | Standalone / Built In | Retrofit |
| Power | 230-240v, 50Hz, 180W | 230-240v, 50Hz, 180W |
| Door Construction | Stainless Steel Door | Plastic Door |
| Leg Construction | Full Steel Leg Set | Rubber Mounts |
| Minimum Standard Cupboard Width (please allow for Door Hinges & Check Depth) | | 350mm |
| Height | 695/947mm (min/max) | 657mm |
| Depth (including Powerbulge but excluding Handle (mm) | 490 | 467 |
| Width | 248mm | 248mm |
| Fixings | Floor mount/Side Screws | Floor mount/Side Screws |
| Plug Type | Standard UK 3 Pin 13A | Standard UK 3 Pin 13A |
| Approvals | CE,LVD,EMC | CE,LVD,EMC |
| <u>Waste Storage Bin Capacities (L)</u> | | |
| Metal Can Crush | - | - |
| Central Bin | 23.6 | 23.6 |
| Black Bin | - | - |
| Glass | - | - |
| Total Non Crushed Volumes | 23.6 | 23.6 |

WEEE WASTE ELECTRICAL RECYCLING

On the 1st July 2007, The Waste Electrical and Electronic Equipment (WEEE) Regulations were implemented in the UK in order to reduce the quantity of electronic waste being sent to landfill and thereby protect our environment.

A new body - the Distributor Take-Back Scheme (DTS) - which will allow you to deposit your old electrical and electronic items at UK recycling sites, free of charge works in partnership with your electronic retailer. To find your nearest recycling site for waste electrical and electronic items, visit www.recycle-more.co.uk and simply type your postcode into the recycling bank locator. You'll find advice and tips on other aspects of recycling. Please note all electrical and electronic products and/or packaging now carries a "crossed out wheelie bin" logo to help you identify products that are recyclable. Many retailers will not accept electrical items in store for recycling. Instead, retailers have contributed to the funding of an alternative network of UK recycling facilities as stated above.

Retailer store staff will however be able to advise you as to the location of recycling facilities in your area.

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